



999.00 EUR incl. 19% VAT, plus shipping

The VIA EPIA CN Mini-ITX mainboard is available with either the 1.3GHz or 1.0GHz VIA C7® processor and boasts the ultra efficient VIA V4 bus interface and VIA CN700 digital media chipset to inspire a new generation of powerful and flexible digital media appliances.

Offering a rich digital media platform, the VIA EPIA CN Mini-ITX mainboard integrates the VIA Chrome™ Pro IGP graphics processor with MPEG-2 hardware acceleration and the Chromotion™ CE engine to ensure smooth, crystal clear digital media streaming and playback. The platform also supports DuoView+ and has S-Video and RCA outputs to facilitate the design of dual display devices, as well as rich multi-channel audio for surround sound.

Setting new standards for flexibility and feature completeness, the VIA EPIA CN Mini-ITX mainboard supports up to 1GB of 400/533MHz DDR2 memory, native SATA II 0 and 1, and 10/100 Mbps broadband Ethernet. The platform also includes a PCI port, serial, parallel and USB ports for unparalleled connectivity options.

Leveraging the power efficient VIA C7® processor – based on the proven VIA Coolstream™ architecture and advanced 90nm process – with the energy efficient VIA CN700 digital media chipset supporting DDR2 memory, the VIA EPIA CN Mini-ITX mainboard boasts an average power consumption of just 16 watts to enable a new generation of low power consuming intelligent digital devices. The VIA C7® processor also integrates advanced hardware security with the VIA PadLock Security Engine. Offering a comprehensive sets of

## **VIA EPIA CN10000**





security tools that includes the world's fastest AES x86 encryption engine, the VIA PadLock Security Engine enables military-grade protection of data stored and exchanged without a hit to system performance.

The VIA EPIA CN Mini-ITX mainboard is compatible with Microsoft® Windows® 2000/XP, XPe and CE, as well as Linux, and offers developers a rich suite of security and media applications to accelerate time to market. Fully compatible with all Mini-ITX, FlexATX and MicroATX chassis and associated accessories including the new 120W DC-DC converter for VIA EPIA Mini-ITX mainboards, the VIA EPIA CN Mini-ITX gives developers and system integrators the essential tools to create innovative and flexible digital media appliances.

## **Key Features:**

Integrated VIA Chrome™ Pro AGP graphics with MPEG-2 decoding acceleration

Supports DDR2 400/533 SDRAM

Supports TV-out Supports two SATA

Supports eight USB 2.0 (four as pin headers)

CN10000EG Specifications

Supported Resolution

**Expansion Slots** 

Onboard Serial ATA

Onboard IDE

Onboard USB

Onboard LAN

**Onboard Audio** 

Onboard TV Out

**VGA** 

Processor 1 GHz VIA C7 fanless VIA CN700 northbridge

Chipset VIA VT8237R southbridge

1 DDR2 400/533 DIMM (DDR2 667/800 is backward compatible) System Memory

Up to 1 GB memory size 1920 x 1440 maximum (CRT)

1024 x 768 maximum (LVDS/TTL)

VIA UniChrome Pro IntegratedGgraphics with MPEG-2 Accelerator

1 PCI

2 ATA 133 (40-pin)

2 SATA connectors

6 USB 2.0

VIA VT6103 10/100

VIA VT1618 8 channel AC'97 codec

VIA 1625M HDTV encoder

1 PS2 mouse port 1 PS2 keyboard port

1 LAN port

1 RS-232 COM port 4 USB 2.0 ports

1 VGA port 1 TV-out port 1 S-Video port

3 Audio jacks: line-out, line-in and mic-in (Horizontal, Smart 5.1

support) 2 IDE slots

1 USB 2.0 pin header for 2 USB ports

2 SATA connectors 1 LPT pin header 1 CD-in pin header

1 Front panel audio pin header

1 Front panel pin header

1 PS2 pin header (keyboard/mouse)

2 Fan pin headers ATX power connector

**BIOS** Award BIOS 4/8 Mb flash memory

Back Panel I/O

Onboard I/O Connectors



## VIA EPIA CN10000

[http://www.cartft.com/catalog/il/62]

System Monitoring & Management

Operating Temperature Operating Humidity Form Factor

Includes

CPU voltage monitoring, Wake on LAN, Keyboard power on, Timer power on, Fan control, System power management, AC power

failure recovery

0°C ~ 50°C

0% ~ 95% (relative humidity; non-condensing)

Mini-ITX (17 x 17 cm)

Flat IDE cable (40 wire, 80 conductor, 3 connectors)

Backplate

Installation CD

Quick installation guide